

First Quarter Safety Performance Listings Show General Improvement Throughout Plant

Y-12's Central Safety Committee has released safety performance records by divisions for the quarter January, February and March, 1964. A total of 10 divisions shows 100 per cent improvement in the ratings, and an eleventh division, Accounting and Budgets, appears there also.

Another ten divisions show a complete quarter without a serious injury recorded during that period.

The Divisional Injury Ratings follow, comparing each division with its own safety performance over the past five years.

DIVISIONAL INJURY RATINGS

(Through March 31, 1964)

DIVISION	1959-1963 5-Year Index	Per Cent Injury Rate Improved	Stand- ings
Accounting and Budgets	0	—	1
Thermonuclear, ORNL	4.526	100.00	2
Biology, ORNL	2.774	100.00	3
Shift Superintendents			
and Utilities	1.561	100.0	4
Development	1.370	100.0	5
Plant Engineering	0.935	100.0	6
Industrial Relations	0.841	100.0	7
Technical Services	0.678	100.0	8
Misc. ORNL Groups	0.592	100.0	9
Materials & Services	0.437	100.0	10
Product Engineering	0.162	100.0	11
Maintenance	2.579	97.2	12
Fabrication	1.182	64.7	13
All ORNL	1.051	61.6	14
Y-12 Plant	1.480	43.9	15
Stable Isotopes, ORNL	2.916	38.5	16
Metal Preparation	2.314	171.7*	17
Reactor, ORNL	0.335	209.9*	18

*Per Cent Increase, Rather than improvement.

The index shows the equivalent lost-time injuries per million man-hours worked.

The Injury Index Number reflects "lost time injuries" and "serious injuries" which have occurred over a given period in proportion to the actual man-hours worked during that period.

Congratulations to the following divisions and departments who worked the last quarter without a serious accident:

Division	Department
Development	All Departments * * *
Industrial Relations	All Departments * * *
Fabrication	General Shop Inspection General Field Shop General Shop Job Liaison General Foundry Thorium Machining General Estimating & Planning Machine Tool Engineering Beta Two Shop 9212 Shops E, M, C-Wing and 9206 Shops Material Specimen Shop Graphite Shop * * *
Maintenance	Janitors Maintenance Administrative Services Salvage Maintenance Division Garage Electrical Laundry * * *
Materials & Services	All Departments * * *
Metal Preparation	Beta Two Forming Beta Four Forming * * *
Plant Engineering	All Departments * * *
Product Certification	All Departments * * *
Accounting & Budgets	All Departments * * *
Assembly	None * * *
Product Engineering	All Departments * * *
Shift Superintendents	All Departments

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George H. Dykes

George Dykes Honored By Oak Ridge Elks

Industrial Relations Man Now Life Member

George H. Dykes, Nuclear Division's General Industrial Relations Staff, has received singular honors from the Oak Ridge Elks. He was recently made an honorary life member in the Lodge number 1684 of the Benevolent and Protective Order of Elks.

In impressive ceremony held April 14, the citation read in part, "WHEREAS, the Honorable George H. Dykes has rendered distinguished services to the Oak Ridge Lodge, and to the Order, and has during his 19 years of membership given unselfishly of his time, advice, and able assistance to his home lodge and to the Order, and his contributions have been of the highest magnitude, responsibilities, delegated to him by the Oak Ridge Lodge, the Grand Lodge, and the Tennessee Elks Association."

Outside Elk circles, Dykes was also cited for his contributions to community and civic affairs consistent with the philosophy of Elkdom. Listed were secretary, board of trustees, Oak Ridge Hospital; director of Anderson County Tuberculosis Association; and for the past eight years as a member of the Selective Service System Board. For the past five years he has served as chairman of this board.

Dykes was president of the Tennessee Elks Association in 1957 and active in establishing the current program of awarding nurses scholarships to deserving young girls throughout the state.

ORGDP ACREAGE

The Oak Ridge Gaseous Diffusion Plant covers approximately 600 acres.

UCC's New Marketing Approach Is Sound Base For Future Growth

Corporate President Birny Mason Jr. Tells Stockholders 1964 Should Show Improvement

Union Carbide's new marketing approach is building a sound base for future growth of both earnings and dividends, Birny Mason Jr., president, told stockholders at the annual meeting at Hunter College recently. Because of the unusually broad scope of the corporation's technical, production, and marketing skills, Union Carbide now defines its market as any place where its combined skills can be used to provide what the customer wants and needs — whether the customer is a steel mill, housewife, or anyone in between.

President Mason pointed out that the heavy expense of developing new business ventures — ranging from the manufacture of products for the home and the housewife's kitchen to those for the highly technical fields of aerospace and electronics — has been a major factor in affecting the corporation's current earnings. He said, however, that this is an encouraging sign because many of the new projects stem from the substantial sums spent on research over the past years, and it is from this source that much of Union Carbide's growth should come.

New Business Ventures Are Extensions Of Technology

All of Union Carbide's new business ventures, stockholders were told, are logical extensions of the corporation's basic technology. Recent "forward integration" moves do not represent a change in the corporation's basic approach to doing business. Union Carbide plans to continue to fill the role of chemist to the chemical industry, and the bulk of its business is still in supplying industrial products to industrial customers.

As an example of Union Carbide's new marketing approach, Mason explained the corporation's reasons for making two new household products — Grad Wrap and Glad Bags. He said that this new business is a logical combination and extension of Union Carbide's basic technology in the plastics field — particularly its film-making know-how — and its years of experience in marketing such well-established consumer products as Prestone anti-freeze and Eveready batteries and flashlights.

Corporation Has Long Been Supplier To Aerospace Activities

In the aerospace field, it was pointed out, Union Carbide has long been a supplier of such basic materials as gases for rocket fuels, and metals and graphite materials for use in the construction of space vehicles. Recently, special epoxy resins were developed for filament-wound rocket motor cases, and also an integrated welding system was developed for fabricating huge casings required for space vehicles. By combining the technical skills of its various divisions, Union Carbide has been able to open up a number of new cooperative projects with the government, which are expected ultimately to expand markets for existing as well as new products.

Through Korad, a West Coast subsidiary, Union Carbide is now doing extensive work on lasers. The corporation also is starting production of semiconductors, integrated circuits, and other related devices — another example of forward integration. These projects are aimed at giving Union Carbide a well-rounded position in the more advanced and sophisticated markets of the electronics industry. For some time, it has been supplying the industry with such products as cryogenic fluids, synthetic crystals, barium getters, and tantalum capacitors.

Building Industry Close To Chemicals Says Mason

In connection with the building industry, stockholders were told that this industry is much closer to the chemicals business than it appears at first glance. Here, Union Carbide is confident that its technology in plastics, foams, surface coatings, and other chemical products can make a real contribution to better and less expensive buildings.

To illustrate how much effort is involved in the marketing of a new product, stockholders were shown a movie called "The World of Sevin." Presented as a travelogue, the film takes viewers through the agricultural areas of France, Spain, Egypt, El Salvador, Trinidad, Argentina, Japan and Australia. It shows how people in these countries live and farm, and how they are applying new technological advances to increase farm production and better their standards of living. These are all countries where Union Carbide's new Sevin insecticide is being used to control pests that attack crops and livestock. Mason pointed out that Union Carbide is responsible for Sevin at every stage — from raw materials through research, engineering, construction, production, marketing, and distribution. He said, "We are not just making and selling a bulk chemical as a component for some other industrial company's insecticide. We are making and selling our own insecticide — and, in many cases, directly to the farmer."

As reported, Union Carbide's first-quarter sales were \$417,455,000, another new record and an increase of nine per cent over the

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The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

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Wilson Son Places High In Math Contest

Vies In State-Wide
Competition Also



Clayton E. Wilson

Math students from East Tennessee recently competed against one another en masse in the East Tennessee Competition of the State Mathematics Contest.

Clayton E. Wilson Jr., son of Area Five's C. E. Wilson, took top honors in the plane geometry.

Competition is open to all junior and senior math students in both public and private schools in the state and prizes include scholarships, plaques, and library books for the students and their schools. The competition is sponsored by the Tennessee Mathematics Teachers Association.

Young Wilson will compete against similar winners from Middle and West Tennessee in the state-wide event, and winners will be announced May 9.

OR Playhouse Sets 1964-65 Plays

The Oak Ridge Playhouse has announced its 1964-65 plans for the five plays next season. The plays include "The Andersonville Trial," "Sunday in New York," "The Miracle Worker," "The Timing of the Shrew," and "The Beauty Part."

Playhouse memberships will be available through membership chairman, Homer Hupf, Clinton, and Mrs. Paul Ebert, Oak Ridge.

Two more plays will be offered this summer. During the Oak Ridge festival in June, "A Shot in the Dark," will be presented and during July players will stage "Take Her, She's Mine." The 1964-65 memberships will be available during both of these performances.

Break the 'accident habit.'



News is light this week . . . but then so are hearts. The warm, balmy days are here . . . and the blackberry winters, whipperwill winters, and dogwood winters are o'er.

First, start in

SHIFT SUPERINTENDENTS & UTILITIES

Vacationers include B. G. Dyer, J. O. Wiseman, J. Y. Burchfield, J. A. McCall doing some farming; C. H. Jarvis fishing at Norris; O. C. Buck fishing also; and R. C. Wheelock turkey-hunting at Tellico Plains.

L. Walker is welcomed back after being out ill.

By the time a man can afford to lose a golf ball, he can't hit one that far!

FABRICATION

H-2 and F-Area Shops tell that Ed Sise is vacationing, planning some fishing if the showers don't interfere too much . . . P. A. Fritts is also on vacation . . . Mrs. J. H. Neeley is back in Oak Ridge Hospital again. However, the reports at this time are encouraging. Best wishes to her.

Area Five Machine Shop has E. C. Pate and J. C. Mullins on vacation . . . Pate just taking it easy and Mullins trying to trade cars.

Beta Four welcomes in M. N. Elam, W. H. Rollen, P. Pierson, J. W. Van Bever, F. A. Watson and R. H. Wilkerson who transferred in recently . . . also to loanees from Beta Two, K. O. Goodykoontz, J. O. Brummette, F. J. Marshall, H. R. Steele, F. N. Smitherman . . . and to A. Reynolds who came to stay a while.



Denise Karen McNutt

This cute little thing is the daughter of Jeanne Ann and B. W. McNutt (Alpha Five Machine Shop). She was born February 19, weighing five pounds, five ounces. Bright-eyed, isn't she? The McNutts live at 3104 Spicewood Lane, Knoxville.



Carol Lynn Weisgerber



David D. Weisgerber

These bright-eyed youngsters fill out the ole column this week and they're nice additions too. They are the children of J. D. Weisgerber . . . Beta Four Heavy Machine Shop. Carol is two and David Darell is one. Their grandpappy is J. B. McKinney, 9201-1.

MATERIALS & SERVICES

Get well wishes are speeded to W. E. Gallaher, Timekeeping.

Stores also sends get well wishes to Jeff Hammonds . . . On vacation are R. B. Smith, Sam Edmonds, Dave Griffith and Mary Nell Smith.

Jim Cox is on military leave at Ft. Lee, Virginia . . . ugghhhh!

A proud papa is R. P. Patterson. A boy finally arrived . . . a welcome sight, indeed, after six daughters.



16 Tons Of It!

From Stores, also, comes this cute story. M. Neal brought in this photo of his son Kenny (third from left). The second graders won first place singing "16 Tons" at the Morgan County Music Festival, Sunbright, recently. They attended Petros Grammar School. The others are Mike Hensley, Tim Tucker and Doyle Haynes.

A sure sign of age is when you feel your corns more than you do your oats.

INDUSTRIAL RELATIONS

Fire and Guardspeople report vacationers this week are C. E. Alcorn, J. F. Price, C. R. Lively, S. E. Murphy, Elbert Scott, W. R. McGill and T. E. Ford.

Ill are R. B. Blankenship, S. Venable and G. E. Gilreath.

Best wishes, also, to J. C. Hastings, who was injured in an auto mishap recently.

Employment has Verna Peckman vacationing, seeing the sights of Florida with Virginia and Bridgid Boswell.

With modern medicine increasing our life span all the time . . . we'd better be careful with the



FOR INDIVIDUAL AND NATIONAL ECONOMIC GROWTH
America's Future

U. S. Savings Bonds Work Both For You As Well As Your Nation

Union Carbide Corporation has cooperated with the United States Treasury Department in promoting the sale of Savings Bonds, since the first issue early in World War II. At that time, Carbide adopted a payroll allotment plan as a convenient method for employee's to save through the purchase of U. S. Savings Bonds.

Last week (April 26 through May 2) was known as Invest in America week. It was an excellent time to touch base again on the advantages of savings through payroll deductions.

A letter to each employee went out recently from Birny Mason Jr., president of Union Carbide, in which it was pointed out that two plans are open for employees: purchasing bonds through payroll deductions and through the Personal Savings Account portion of the Savings Plan (for employees with three years or more Company Service).

A Penny Saved

When Benjamin Franklin stated, "A Penny saved is a penny earned," he said the basic principle of the American free econ-

national debt. We may end up having to pay it ourselves.

MAINTENANCE

Area Five Maintenance rolls out the welcome mat to J. M. Kendrick . . . "Shady" Payne vacationed recently at his cabin on Douglas Lake. Fishing was at its best all week, and Shady brought back fotos to prove it. The crowd averaged 100 a day on hadacols. Caught all of them on Flat Creek, near Douglas Dam. (Pictures, later).

C. F. Knisley and friends spent the week fishing and camping at Center Hill.



Tracy and Jay Owen

Here's a fine Easter pair . . . dressed up for the ole bunny. They are Tracy and Jay Owen, grandchildren of W. A. Newman, Process Maintenance. Cute, eh? . . . and also the apple of you-know-who's-eye.

Wife logic: "No I'm not overdrawn at the bank . . . it's just that you are under-deposited!"

See you in Knox!

omy. But the pennies must be put to work by us. Whenever we save and invest our money we are not only contributing to the nation's economic progress; we are providing security for our own future. Every penny saved and invested wisely can come back to us with interest as the economy grows, because under our free enterprise system, payment is made for the use of our money.

The days of putting money into an old sock . . . or stuffing it in a mattress are over . . . except for the foolish. Money saved itself means nothing. It must be put back into the mainstream of America's economy. There it not only boasts the country's buying and working power, it earns money while it works.

Where Do Profits Go?

Profits go into research and development from which emerges the new and wonderful products that are ours. Profits combine with individual savings to finance the building of new plants which in turn offer additional employment.

Profits are the secret of the American system. What's wrong with profits? Nothing, as long as you are sharing them.

The strength of a growing America lies in the personal freedom to work, save and invest. Money at work means men at work.

Got Extra Money?

That extra money you want to put away for Junior's college . . . or for that home you eventually plan to build . . . there's no better way to put it to use than by investing in your country's future . . . through U. S. Savings Bonds.

The Timekeeping Department, Building 9711-5, (beneath the Cafeteria) has the necessary forms if you want to start deductions now . . . or increase the amount you are already deducting.

Your investment in America is safe and sure . . . And the returns are guaranteed by the strength of a working, energetic country!

LASL Zeus Capacitor Generates Giant Current

The most powerful electric current generated is said to be that from the Zeus capacitor at the Los Alamos Scientific Laboratory in New Mexico. If fired simultaneously the 4,032 capacitors produce for a few micro-seconds twice the current of all the rest of the electric current generated on earth!

Isometric Exercises Easy, Effortless To Many Employees

Keeping Fit Doesn't Have To Be Boring

Anyone who has had high school gym or Armed Services calisthenics knows the boredom and monotony involved. There's a lot of talk going on about isometric exercises and the Army and Navy have even dropped their old "by the number, count" drills in favor of the new muscle-toning called isometrics.

"Isometric" according to the dictionary means "equal measure." The exercises take very little time, require no special equipment, and a few can even be done at your desk.

The idea of isometrics is to work out a muscle by pushing or pulling against an immovable object such as a wall . . . or by pitting it against the opposition of another muscle.

Overload Principle

The basis is the "overload" principle of exercise physiology . . . which holds that a muscle required to perform work beyond the usual intensity will grow in strength. Research has indicated that one hard, six to eight second isometric contractions per workout can, over a period of six months, produce a significant strength increase in a muscle.

The President's Council on Physical Fitness warns that isometrics are not designed to lose weight . . . they are purely for muscle-strengthening and toning.

Take the abdominal tightening exercise, for instance. Stand slightly bent with your knees flexed, and your hands resting on top of your knee-caps. Contract the stomach muscles . . . holding your breath in the meanwhile. Repeat this several times. This will tighten up the old midriff considerably.

Walking Is Exercise

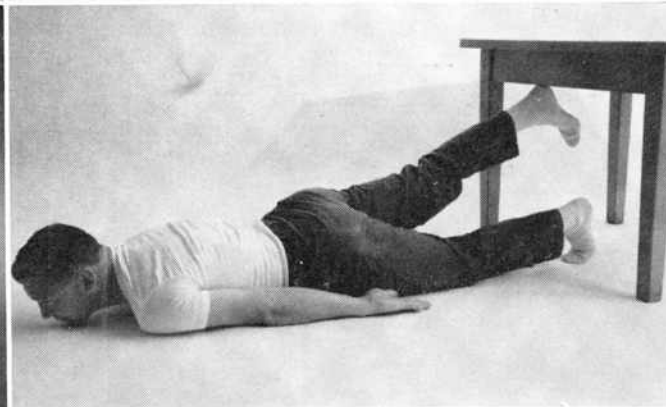
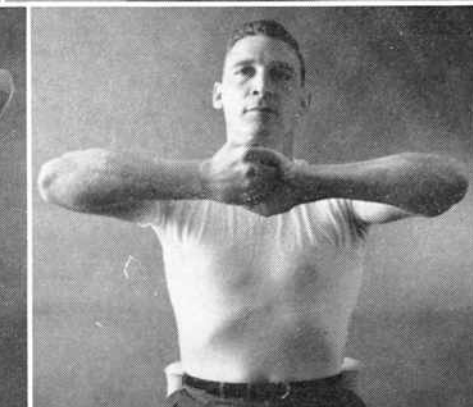
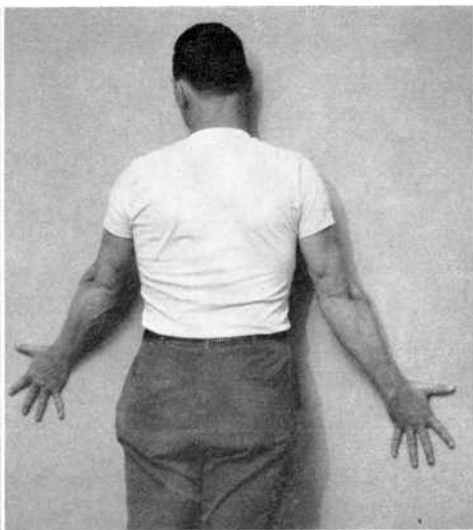
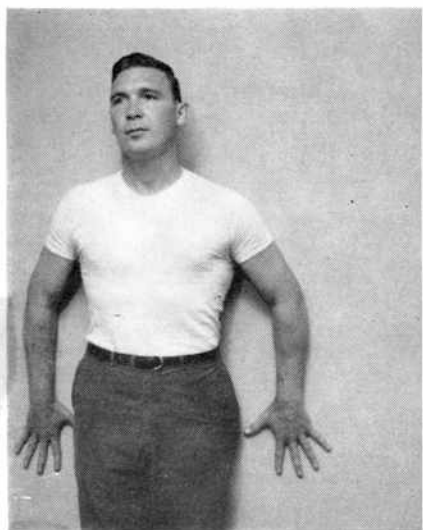
According to the physical fitness booklet, walking is one of the best methods of exercise. "Jogging" is particularly recommended. In other words, trot in a walking position. And the next time you need to go to town, try walking. Leave the old buggy in the garage. You'll not only save gasoline, but you'll also improve your physical fitness by getting the good old-fashioned exercise of hiking. (If you really want to learn to hike as a professional, see O. K. Sergeant, 9201-1. He can tell you all about the Smoky Mountains Hiking Club.)

With summer coming on water sports can also add to your exercise program. Swimming is an excellent body-conditioner. With the body submerged in water, blood circulation automatically increases, and the pressure of water on the body helps promote deeper ventilation of the lungs.

Booklet Available

The excellent booklet "Adult Physical Fitness" may be obtained from the Superintendent of Documents, United States Government Printing Office, Washington, D. C. 20402. The price is only 35 cents.

Physical fitness can be achieved at any age. You do not achieve it overnight. It does take effort. But the resulting feelings of well-being, renewed strength and vitality are well worth the effort . . . and you can start on your way immediately. P.S. You look better, too!



SOME BASIC ISOMETRICS are here demonstrated by Fred Hardin, Uranium Chemistry. In the upper left, Fred shows the 'wall pressure' type which strengthens the arms and shoulders. In the lower left, he also demonstrates arm tone exercise. At the right

are leg and thigh strengtheners. The upper one may be varied by putting the feet inside a chair and pushing out. During isometric exercises, it is recommended that you hold your breath, since they only take a few seconds.

Golfers Will Try For First Fight



My Second Tee-Shot is Always My Best!

You golfers who planned to begin the season Saturday, April 25, and got left at the switch . . . come on. There's another opening battle slated for this week-end, Saturday, May 9, at Wallace Hills, Maryville.

Tee-off times will be assigned tomorrow, Thursday, May 7, at 7:30 a.m. in the Recreation Office, Building 9704-2. Only one representative per foursome need appear. Tee-off times will range from 6 a.m. until 12 noon . . . every seven minutes. So this should accommodate any crowd Y-12 wants to get up.

The green fee for this tournament will be \$2.50 . . . and the one later on in the month at the same club will only be \$2.

So come all ye, duffers, and sand-baggers . . . time's awasting. Get those tee-off times tomorrow!

CHEMICALS IN RADIOS

More than 90 chemicals are used to fabricate radio and television equipment, according to the Manufacturing Chemists' Association, ranging from acetic acid to xenon.

Carol Watson is Cited By UT

Recently the Bulletin ran a story on Carol Ann Watson, the daughter of the C. W. Watson family, 125 Manchester Road. Carol had just graduated from the University of Tennessee, and was in the New York area seeking employment.

A lot has happened since that story.

The Watsons just last week received a letter from the Dean of the College of Home Economics at UT . . . It read, in part, "Your daughter has been awarded recognition on the Winter 1964 Quarter Dean's List, the Honor Roll of Home Economics at UT. Eligibility for the Dean's List is achieved by those who have acquired a scholastic average of B or above in their entire college program."

"May we congratulate you upon the fine achievements of your daughter and wish her continued success in her future undertakings."

On the heels of the letter of commendation came word from Carol herself in New York. She just reported to work with the Associated Manufacturers, New York, a company which checks and tests textile goods and clothing for 25 leading stores over the country. It was exactly the type work she was seeking.

Good luck, Carol . . . and Watsons, congratulations!

Van Buren Was First Leader Born In USA

Martin Van Buren, eighth president of the United States, was the first president born an American citizen. The previous seven presidents, although born in America, arrived before the United States had severed its ties with England, and therefore all seven were born British subjects!

4-Squares Take E League's Championship

A mere 12 pins separated the champions from the runners-up in the E League's big roll-off last week.

The Foursquares took the tilt, rolling a total of 2337 against the Cannon Balls' 2325.

Dwayne Bennett, Foursquares, rolled a high game of 232 scratch . . . boosted to a 254 handicap game. Series highs went to Bennett with 564 scratch and the Cannon Balls' Ellison took a 654 handicap series.

The Foursquares took the first match by 63 pins . . . the Cannon Balls took the second game by 66 pins which made them three up . . . then the Foursquares returned to take the final game by 20 pins.

Close ones like this make the old game a little more exciting.

Hoss-Shoe Pitchers Called To Action!

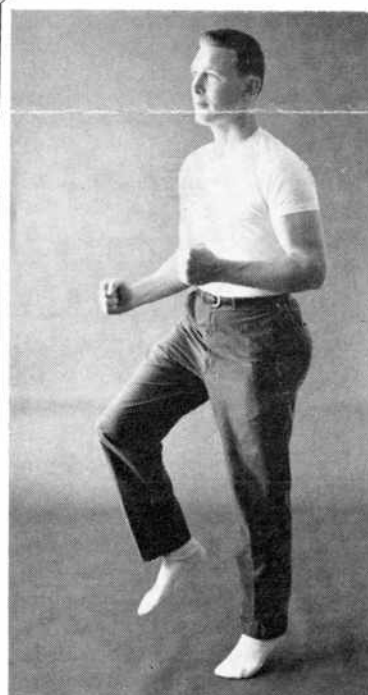
Recreation is now calling men to arms (or better still, men with arms) for play in the Summer Horseshoe League. The three-plant competition will commence shortly.

Just call Recreation, extension 7109 and get your name in the pot. Play will start as soon as enough pitchers are there to begin . . . so get in on the ground floor.

That's hoss shoe pitchin' man, Tennessee-style.

VARIED FUNCTIONS

The Y-12 Plant is one of the nation's most versatile facilities. Its activities include process development, heavy engineering, and specialized production, including the production of nuclear weapons components.



JOG-TROTTING is one of the very finest exercises man can take. You put your weight on the ball of your feet and trot away . . . never getting anywhere, of course!

Powers' Hot Streak Still On With Rifle

Bob Powers continued his hot streak the other night and led the Y-12 Rifle team with a scratch score of 282. He was closely followed by Art Hensley who fired a 278 and Carl Brewster with 277. Bill Sims nosed out Tom Hudson for the number one handicap score.

After nine matches the point leaders are as follows:

Bob Powers	52
Jerry Holcombe	32
Art Hensley	29
Dave DeWalt	28
Bert Searles	24

Spies don't sleep . . . do you?

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Out-Door Type Prizes Offered At Spring Dance, Friday, May 15

no #



JEAN COOK, SAFETY DEPARTMENT, relaxes in one of the lawn chairs to be given away as a door prize at the Spring Dance. Y-12ers have chosen Friday week as the date (or May 15) for their traditional get-together. See you at 9 p.m. at the Oak Terrace, Friday, May 15.

Y-12ers have only a week left to purchase tickets in advance for the big Spring dance, slated for Friday, May 15.

Bill Lawson's big orchestra is scheduled to be on hand for the soiree . . . so hasten, lads and lassies, get those ducats now.

Door prizes announced are all out-doorsy for summer-living . . . lounging chairs, chaises, barbecuing equipment, ice chests, etc. They may be viewed in the photograph above.



Ride wanted from Fountain City section, Knoxville, to West Portal, straight day. O. B. Cottrell, plant phone 7-8088, home phone Knoxville 687-3026.

Car pool member wanted from Buffat Road, Cross Valley Road section, Knoxville, to East or North Portal, straight day. Barbara Williams, plant phone 7308, home phone Knoxville 522-0041.

Car pool members wanted from West Haven section, Knoxville, to any portal, straight day. J. R. Rutter, plant phone 7223, home phone Knoxville 525-0929.

Will join car pool from Cumberland Estates section, Knoxville, to Central Portal, straight day. Jim George, plant phone 7-8897, home phone Knoxville 588-6474.

Barber: "Your hair needs cutting badly."

Customer: "It does not. It needs cutting nicely. You cut it badly the last time."

Ticket sellers are:

	Building
Recreation	9704-2
Cashier	Cafeteria
Betty Whitehorn	9202
Jackie Ward	9764
Shirley Brown	9720-8
Ann Rackley	9704-2
Madeline Keck	9739
Kathleen Milligan	9201-1
J. S. Thompson Jr.	9201-1
Jean Barnes	9733-2
Ann Ware	9204-2
Mildred Morris	9204-4
Jo Ann Isham	9212
Wanda Livesay	9212
Faye Duncan	9215
Avery Kendig	9720-6
June Sherrill	9206
Daisy Ward	9995
Doris Matthews	9706-2

The big dance will begin at 9 p.m. on Friday next at the Oak Terrace Ballroom. See you there . . . and then.

UCC Future Growth

Continued from Page 1
first quarter of 1963. Earnings for the first quarter were \$1.35 a share, an increase of 17 per cent over the \$1.16 earned in 1963.

In commenting on the outlook for this year, Mason said that the rate of price erosion appears to be lessening and the economies achieved through intensified cost reduction programs are playing a larger part in the overall effort to raise the level of the corporation's earnings. He added, "Assuming generally good business conditions for the remainder of the year, and taking into consideration the benefits from the new tax bill, results for 1964 should show improvement over 1963."

First Quarter Safety Performance Listings Show Plantwide General Improvement

Continued from Page 1
And Utilities

Superintendents	All Departments
Technical Services	All Departments
ORNL	330 Group
	Photography
	Statistical Services
	Health Physics
	E. Nuclear Research
	Analytical Chemistry
	Reactor Chemistry
	Biology
	Thermonuclear

The last disabling injury in Y-12 happened on February 2, ending the second longest string of accident-free days ever recorded in the plant. The accident terminated a 277-day period, or 8,814,000 man-hours. Think and Work Safely!

Metals Society Plans Courses

The Oak Ridge Chapter of the American Society for Metals is sponsoring an education series entitled "New Developments in Various Alloy Systems" on Wednesday and Thursday, May 13 and 14. Lectures will be presented on nickel-base, titanium-base, aluminum-base and iron-base alloys. Speakers will cover the properties and applications of the latest alloys to come out of research laboratories.

May 13, R. R. DeWitt, International Nickel Company, discusses the "New Developments in Nickel-Base Alloys." He will be followed by N. G. Feige, Titanium Metals Corporation of America, who will speak on "New Developments in Titanium-Base Alloys."

Thursday, May 14, J. D. Yerger, Alcoa, will discuss "New Developments in Aluminum-Base Alloys." He will be followed by M. W. Marshall, Armco Steel Corporation, who will speak on "Developments in Iron-Base Alloys."

These sessions will be held in the ORINS Training Building, which is located behind the AEC Buildings, each beginning at 7 p.m. Registration will be at 6:30 each night at the door, and the fee is \$1 per session.

SNT's May Meet At Holiday Inn

The Oak Ridge Section of the Society for Nondestructive Testing will meet next Tuesday, May 12 at the Holiday Inn, Oak Ridge. Dinner is scheduled for 6:30 p.m., with the technical session beginning at 8.

Speaker for the May program will be John H. Hett, American Cystoscope Makers, Inc. Hett received his AB from Manhattan College, and his MA and PhD from Columbia University. He has been concerned basically with the problems in optical and radiation physics; holds patents on panoramic borescopes, lens medical systems and fiber optic systems. Dr. Hett is author of over a dozen papers in the optical field.

At the April meeting of SNT, the nominating committee presented its nominations for officers for the coming year. Next Tuesday night, nominations will be taken from the floor, and officers will be elected.

All SNT members and their guests are urged to attend this highly important meeting.

90 Cents Dividend Declared By Directors

The board of directors of Union Carbide Corporation declared a quarterly dividend of ninety cents (90¢) per share on the outstanding capital stock of the corporation payable June 1, 1964, to stockholders of record May 6, 1964.

This is the same that was paid on the last quarterly dividend, paid March 2, 1964.

Physics Division Gives Two Seminars This Week

Oak Ridge National Laboratory's Physics Division plans two seminars this week. Today, Wednesday, May 6, a special seminar will be held on "Resonance Effects in Rare Earth Metals." It is conducted by Y. A. Rocher, Service de Physique des Solides, University of Paris, and is set for 3:15 p.m. today.

Friday's seminar centers on "Mossbauer Effect," and will be conducted by Hans Frauenfelder, University of Illinois. It is set for Friday, May 8, at 3:15 p.m.

Both seminars will be held in the East Auditorium of ORNL's 4500 building.

IEEE Sets Spring Meet May 14 At Elks Club

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will have their special "Spring Dinner Meeting," next Thursday, May 14. The dinner meeting is set for 6:30 p.m. at the Elks Club, Oak Ridge.

Featured after-dinner speaker will be Howard B. Hurt, PhD, who has been a consultant in clinical psychology in the Nuclear Division for the past 13 years. Dr. Hurt's topic will be "A Psychologist Views the Technical Man."

Before dinner a short business session will be held to select next year's officers. All members and guests and their wives are welcomed to the IEEE meeting.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
91 Days Or
3,003,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through May 3
Phone 7755
For Daily Report
On Accident-Free Hours



A total of 17 Y-12ers celebrate 20 years with Union Carbide Corporation, for a total company series period of 240 years. More celebrate important 10 year anniversaries. Congratulations.

20 YEARS

Manford C. Bays, Material Control, May 6.

Asa L. McGinnis, Area Five Maintenance, May 8.

James H. Nicholson, Uranium Chemistry, May 8.

Jessie E. Guinn, Mechanical Inspection, May 8.

Fred J. Hawk, Uranium Chemistry, May 9.

Harrell E. Patterson, Chemical Services, May 9.

Edgar R. Johnson, Guard Department, May 9.

Charles W. Mason, Research Services, May 9.

Thomas B. Goss, Cafeteria, May 9.

George I. Miller, Beta Two Forming, May 9.

Lissie M. A. Reynolds, ORNL Chemical Services, May 10.

James E. Holbert, Buildings, Grounds and Maintenance Shops, May 10.

George B. Marrow, Chemical Engineering Development, May 11.

John M. Googin, Chemistry Development, May 11.

Bertha M. Melson, Laboratory Development, May 12.

James K. Robinson, Buildings, Grounds and Maintenance Shops, May 12.

Fern D. West, General Machine Shop, May 12.

10 YEARS

Elzo Branam, H-2 and F Area Shops, May 6.

Thomas B. Reed, H-2 and F Area Shops, May 6.

William B. Stephens, E, M, C-Wing and 9206 Shops, May 6.

Earl E. Grissom, E, M, C-Wing and 9206 Shops, May 6.

Claud J. Tapscott Jr., Quality Assurance, May 6.

Leonard W. Nance, Dimensional Inspection, May 6.

John H. Worthington, H-2 and F-Area Shops, May 6.

Ephraim H. Vineyard Jr., Dimensional Inspection, May 6.

Everett H. Ashton, Assembly Operations, May 7.

Fred J. Dillehay, Beta Four Heavy Machine Shop, May 8.

Jack F. Burchfield, Quality Assurance, May 9.

Hansel Whaley, Alpha Five Machine Shop, May 10.

Fred L. Clark, Technical Reports, May 10.

Richard R. Feron, Metallurgical Development, May 10.

Robert E. Jones, Dimensional Inspection, May 10.

Glenn W. Howdyshe, General Field Shop, May 10.

Otey B. Cottrell, Dimensional Inspection, May 11.

Joseph J. Campbell Jr., Alpha Five Machine Shop, May 12.

Carl W. Nelson, H-2 and F-Area Shops, May 12.

Robert M. Hetzler, General Machine Shop, May 12.

Dillard A. Davis, H-2 and F-Area Shops, May 12.

Charles Baxter, Tool Grinding, May 12.

Vernon D. Cooper, H-2 and F-Area Shops, May 12.

ELECTRONIC NICKEL

Nickel forms the base of cathodes in practically all small and moderate size radio and television tubes.